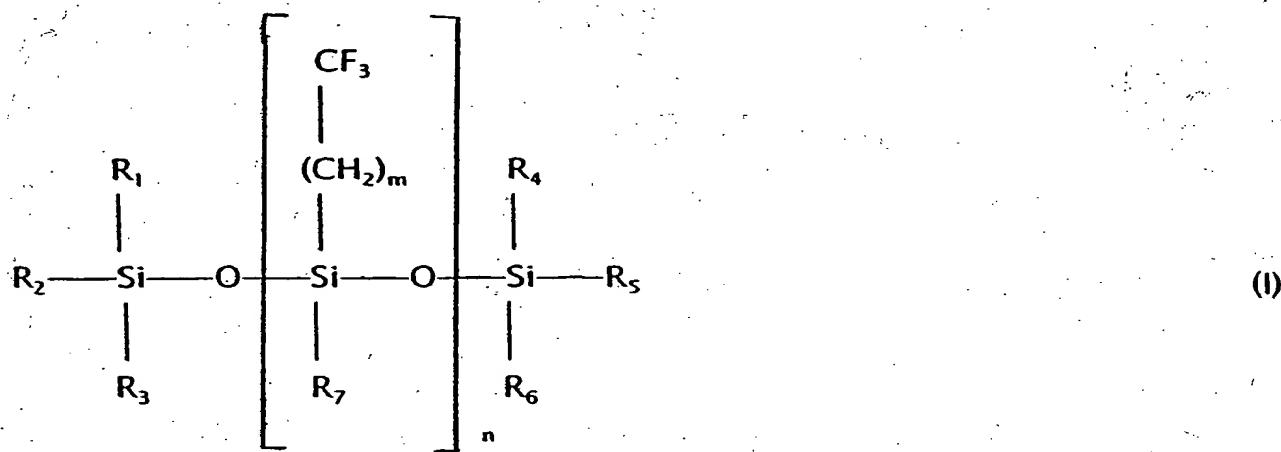


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A mixture comprising (1) a cross-linkable thermosetting resin providing composition and intimately admixed therewith, (2) from about 0.01 to 5%, by weight, based on the weight of the mixture of an additive comprising a polyfluoroalkylsiloxane, said additive having a lower surface energy than that of the thermoset resin formed by cross-linking said composition; said additive being a polyfluoroalkylsiloxane having the formula:



wherein R₁, R₂, R₃, R₄, R₅, R₆ and R₇ may be the same or different and may be alkyl, cycloalkyl or aryl; R₇ may also be -(CH₂)_mCF₃; m is an integer from 0 to 20, and n is an integer from 1 to 5,000;

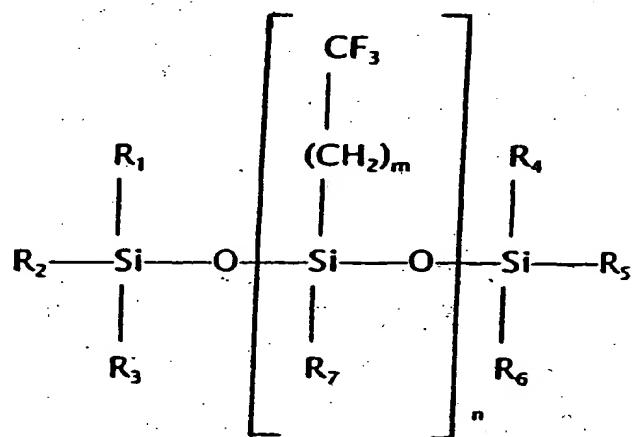
[a copolymer of said polyfluoroalkylsiloxane with an alkyl, aryl or alkyl-aryl-siloxane,] or a silanol terminated derivative of said polyfluoro-alkylsiloxane;

wherein the concentration of said polyfluoroalkylsiloxane through a cross-section of the mixture is lower in the interior thereof and higher at the surfaces thereof.

2. (previously presented.) A mixture according to claim 1 wherein said additive is a polytrifluoropropylmethylsiloxane or a copolymer of said polytrifluoropropylmethylsiloxane.

3. (previously presented) A mixture according to claim 1 wherein each of said alkyl groups are methyl, ethyl, propyl, butyl, octyl or dodecyl.

4. (currently amended) A method of forming a composition of matter comprising a cross-linked thermoset resin and from about 0.01 to 5%, by weight of an additive comprising a polyfluoroalkylsiloxane, said additive having a lower surface energy than that of said resin; said method comprising intimately admixing with a cross-linkable thermosetting resin providing composition (I) a polyfluoroalkylsiloxane having the formula:



wherein R₁, R₂, R₃, R₄, R₅, R₆ and R₇ may be the same or different and may be alkyl, cycloalkyl or aryl; R₇ may also be -(CH₂)_m-CF₃; m is an integer from 0 to 20, and n is an integer from 1 to 5,000;

or a silanol terminated derivative of said polyfluoroalkylsiloxane or a copolymer of said polyfluoroalkylsiloxane [or a copolymer of said poly-fluoroalkylsiloxane with an alkyl, aryl or alkyl-aryl-siloxane];

followed by subjecting said mixture to conditions which produce a cross-linked, thermoset solid resin wherein the concentration of said additive thorough a cross-section of said composition is lower in the interior thereof and higher at the surfaces thereof.

5. (previously presented) A method according to claim 4 including a preliminary step of forming a pre-mix comprising a fractional portion of said cross-linkable thermosetting resin composition (I) in particulate form substantially uniformly wetted with said polyfluoroalkylsiloxane and mixing said wetted first fraction with the remainder of said cross-linkable thermosetting resin composition (I).

6. (previously presented) A method according to claim 4 wherein each of said alkyl groups are methyl, ethyl, propyl, butyl, octyl or dodecyl.

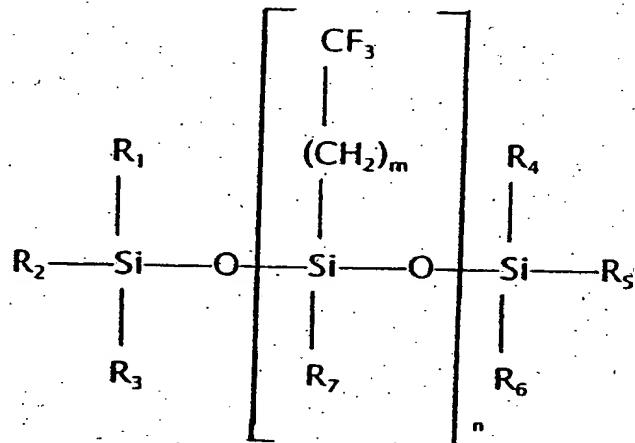
7. (previously presented) A method according to claim 4 wherein said polyfluoroalkylsiloxane is a polytrifluoropropylmethylsiloxane or a copolymer of said polytrifluoropropylmethylsiloxane.

8. (previously presented) The composition of matter produced by the method of claim 4.

9. (previously presented) A composition according to claim 8 wherein each of said alkyl groups are methyl, ethyl, propyl, butyl, octyl or dodecyl.

10. (previously presented) A composition according to claim 8 wherein said polyfluoroalkylsiloxane is a polytrifluoropropylmethyldsiloxane or a copolymer of said polytrifluoropropylmethyldsiloxane.

11. (thrice amended) A composition of matter comprising (1) a cross-linked thermoset resin and (2) from about 0.01 to 5%, by weight, based on total weight of the composition of a polyfluoroalkylsiloxane having the formula:



wherein R₁, R₂, R₃, R₄, R₅, R₆ and R₇ may be the same or different and may be alkyl, cycloalkyl or aryl; R₇ may also be -(CH₂)_mCF₃; m is an integer from 0 to 20, and n is an integer from 1 to 5,000;

or a silanol terminated derivative of said polyfluoroalkylsiloxane [or a copolymer of said polyfluoroalkylsiloxane or a copolymer of said polyfluoro-alkylsiloxane with an alkyl, aryl [or alkyl-aryl-siloxane];

wherein the concentration of said polyfluoroalkylsiloxane through a cross-section of said composition is lower in the interior thereof and higher at the surfaces thereof.

12. (previously presented) A composition according to claim 11 wherein each of said alkyl groups are methyl, ethyl, propyl, butyl, octyl or dodecyl.

13. (previously presented) A composition according to claim 11 wherein said polyfluoroalkylsiloxane is a polytrifluoropropylmethylsiloxane or a copolymer of said polytrifluoropropylmethylsiloxane.

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